

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/593,824
Filing Date	11/30/2006
First Named Inventor	John Greg Hancock
Art Unit	1794
Examiner Name	Elizabeth M. Cole
Attorney Docket Number	14072 US00

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2002/0009590	01/24/2002	Matsui et al	
		US- 2002/0025433	02/28/2002	Chang et al	
		US- 2002/0127939	09/12/2002	Hwo et al	
		US- 2003/0026986	02/06/2003	Matsui et al	
		US- 2003/0087092	05/08/2003	Zhou et al	
		US- 2003/0104204	06/05/2003	Bond et al	
		US- 2003/0124349	07/03/2003	DeAngelis et al	
		US- 2003/0129393	07/10/2003	Yoshimura et al	
		US- 2003/0134099	07/17/2003	Barrows	
		US- 2003/0143395	07/31/2003	Koyanagi et al	
		US- 2003/0203695	10/30/2003	Polanco et al	
		US- 2004/0132376	07/08/2004	Haworth	
		US- 2004/0170830	09/02/2004	Morton-Finger	
		US- 2004/0214495	10/28/2004	Foss et al	
		US- 2004/0247868	12/09/2004	Van Trump	
		US- 2004/0253441	12/16/2004	Bansal et al	
		US- 2005/0019568	01/27/2005	Foss et al	
		US- 2005/0093196	05/05/2005	Chang et al	
		US- 2005/0130539	06/16/2005	Allen et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**  
TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	10/593,824
Filing Date	11/30/2006
First Named Inventor	John Greg Hancock
Art Unit	1794
Examiner Name	Elizabeth M. Cole
Attorney Docket Number	14072 US00

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2005/0233140	10/20/2005	Oh et al	
		US- 2006/0063457	03/23/2006	Matsui et al	
		US- 2006/0113033	06/01/2006	Bruner	
		US- 2007/0035057	02/15/2007	Chang et al	
		US- 4129677	12/12/1978	Boe	
		US- 4185137	01/22/1980	Kinkel	
		US- 5015522	05/14/1991	McCullough, Jr. et al	
		US- 5482773	01/09/1996	Bair	
		US- 6228492	05/08/2001	Kinlen et al	
		US- 6376072	04/23/2002	Evans et al	
		US- 6440556	08/27/2002	Matsui et al	
		US- 6497951	12/24/2002	DeAngelis et al	
		US- 6511748	01/28/2003	Barrows	
		US- 6531219	03/11/2003	Fare	
		US- 6656586	12/02/2003	Hartzog et al	
		US- 6677038	01/13/2004	Topolkaraev et al	
		US- 6680117	01/20/2004	DeAngelis et al	
		US- 6710242	03/23/2004	Iguro et al	
		US- 6811874	11/02/2004	Tanaka et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**  
TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3

**Complete if Known**

Application Number	10/593,824
Filing Date	11/30/2006
First Named Inventor	John Greg Hancock
Art Unit	1794
Examiner Name	Elizabeth M. Cole
Attorney Docket Number	14072 US00

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6841244	01/11/2005	Foss et al	
		US- 6841245	01/11/2005	Chang et al	
		US- 6844063	01/18/2005	Matsui et al	
		US- 6846560	01/25/2005	Koyanagi et al	
		US- 6855421	02/15/2005	DeAngelis et al	
		US- 6855422	02/15/2005	Magill et al	
		US- 6949210	09/27/2005	Koyanagi et al	
		US- 6967057	11/22/2005	Chang et al	
		US- 6974628	12/13/2005	Van Trump et al	
		US- 6982118	01/03/2006	Koyanagi et al	
		US- 6989194	01/24/2006	Bansal et al	
		US- 7011885	03/14/2006	Chang et al	
		US- 7033530	04/25/2006	Chang et al	
		US- 7045211	05/16/2006	Fairbanks et al	
		US- 7056581	06/06/2006	Zhou et al	
		US- 7147815	12/12/2006	Chang et al	
		US- 7378148	05/27/2008	Morton-Finger	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**  
TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.